GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:11
ANSWERED ON:02.02.2017
Uninterrupted Supply of Water to States
Ram Mohan Naidu Shri Kinjarapu

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) whether the Government is aware of the state of depleting water table and poor monsoon in the country, if so, the details thereof;

(b) whether the Government has instituted irrigation and other water works to ensure steady and uninterrupted flow of water to States;

(c) if so, the State-wise details thereof including the number of works instituted in Andhra Pradesh along with the status of the same; and

(d) whether the Government has more such projects in the pipeline including the proposed funding for the same, if so, the details thereof?

Answer

THE HON'BLE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (DR. SANJEEV KUMAR BALYAN)
(a) Central Ground Water Board (CGWB) carries out ground water monitoring, four times a year, on regional scale through a network of observation wells in the Country. Water level data for pre-monsoon 2016 compared with decadal mean of pre-monsoon (2006-2015) indicates decline in ground water level in 66% of the wells monitored. Details are given at Annexure −I. The rainfall during monsoon season (June-September) over the Country as a whole was 97% of its long period average (LPA).

(b) to (d) The Government of India launched the 'Pradhan Mantri Krishi Sinchayee Yojana' (PMKSY) in 2015-16. The scheme has been formulated with the vision of extending the coverage of irrigation 'Har Khet Ko Pani' and improving water use efficiency 'More Crop Per Drop" in a focused manner with end to end solution on source creation, distribution, management, field application and extension activities. It considers options including linking of rivers, where feasible; for ensuring optimal use of our water resources to prevent the recurrence of floods and drought. By harnessing rain water through 'Jal Sanchay' and 'Jal Sinchan', it will nurture water conservation and ground water recharge. Micro irrigation will also be popularised to ensure 'Per Drop-More crop'.

PMKSY has been formulated amalgamating ongoing schemes viz. Accelerated Irrigation Benefit Programme (AIBP) of the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD & GR), Integrated Watershed Management Programme (IWMP) of Department of
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Land Resources (DoLR) and the On Farm Water Management (OFWM) of Department of Agriculture and Cooperation (DAC). PMKSY has been approved for implementation across the country with an outlay of Rs. 50,000 crore in five years.

PMKSY-AIBP
Under Pradhan Mantri Krishi Sinchayi Yojana (PMKSY-AIBP), out of 149 ongoing irrigation projects at the end of 2014-15, 99 projects were identified for completion by December 2019. Out of these 99 projects, 23 priority projects have been identified for completion by March 2017. The details of irrigation projects identified under PMKSY and funds allocated/made available for the purpose to each State during the current year, State/Project wise is at Annexure-II.

PMKSY- Har Khet Ko Pani
Under PMKSY, Repair, Renovation and Restoration (RRR) of Water Bodies scheme is a part under the sub-component Har Khet Ko Pani. The scheme has multiple objectives like Comprehensive improvement and restoration of water bodies thereby increasing tank storage capacity, Ground Water Recharge, increased availability of drinking water, etc. This is a continuing scheme since X Plan and is presently being implemented during XII Plan also.

The scheme for implementation of RRR of Water Bodies in XII Plan envisages taking up RRR works in 10,000 water bodies with an outlay of Rs 10,000 crore. The Central and State share would be Rs. 6235 crore and Rs. 3765 crore respectively. Out of 10000 water bodies, 9000 water bodies will be in rural areas and balance 1000 water bodies will be in urban areas. All public and community owned water bodies may be covered under the scheme but Private owned water bodies are not covered. Urban water bodies having water spread area from 2 hectares to 10 hectares are eligible to be included under the scheme. Rural water bodies having minimum water spread area of 5 hectares will be included under the scheme.

Empowered Committee (EC) of MOWR, RD &GR in its 5 meetings held has so far cleared a total of 1354 water bodies costing Rs. 1025.87 cr. from 9 states and included them under the scheme of RRR and a CA of Rs 291.67 crore (includes Rs. 27.00 crore released to Odisha for the on-going works of XI Plan scheme) has been released to 8 States. Works of 1236 water bodies were taken up with a target of restoration of CCA of 101265 ha. So far, 506 water bodies along with CCA of 60081 ha have been restored.

RRR works of 730 water bodies are under progress.

So far, total 3681 proposals of water bodies have been received from 21 states including Andhra Pradesh for their inclusion under RRR scheme of water bodies during XII Plan. Out of 3681 proposals, 1354 water bodies have been approved for their inclusion under the scheme while remaining 2428 water bodies are in process of their inclusion under the scheme following the "Guidelines for the Continuation of Scheme on Repair, Renovation and Restoration (RRR) of Water Bodies in XII Plan". The above cited details are enclosed as Annexure-III.

National Projects
The details of ongoing & proposed National Projects are given at Annexure-IV. So far, 16 Projects have been identified in various States including one project (Polavaram Project) in Andhra Pradesh under the scheme of National Projects by Government of India.
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ANNEXURE − I

Annexure referred in reply to Lok Sabha Unstarred Question No. 11 dated 02.02.2017 regarding "Uninterrupted Supply of Water to States"

State-wise Decadal Water Level Fluctuation with Decadal Mean
Pre-monsoon (2006 to 2015) and Pre-monsoon 2016

S.No.	Name of State	No. of wells Analysed	Rise		Fall	
			No.	%	No.	%
1	Andhra Pradesh	547	236	43	308	56
2	Arunachal Pradesh	14	10	71	4	29
3	Assam	182	84	46	98	54
4	Bihar	551	180	33	369	67
5	Chandigarh	11	4	36	7	64
6	Chhattisgarh	616	165	27	451	73
7	Dadra & Nagar Haveli	12	6	50	6	50
8	Daman & Diu	10	2	20	8	80
9	Delhi	115	26	23	89	77
10	Goa	70	41	59	29	41
11	Gujarat	738	254	34	475	64
12	Haryana	643	184	29	454	71
13	Himachal Pradesh	95	36	38	59	62
14	Jammu & Kashmir	225	83	37	142	63
15	Jharkhand	212	86	41	126	59
16	Karnataka	1380	415	30	949	69
17	Kerala	1240	454	37	779	63
18	Madhya Pradesh	1343	502	37	838	62
19	Maharashtra	1487	437	29	1041	70
20	Meghalaya	17	6	35	11	65
21	Odisha	1103	395	36	705	64
22	Puducherry	6	5	83	1	17
23	Punjab	613	129	21	482	79
24	Rajasthan	829	346	42	481	58
25	Tamil Nadu	587	345	59	242	41
26	Telangana	377	66	18	308	82
27	Tripura	28	21	75	7	25
28	Uttar Pradesh	629	95	15	534	85
29	Uttarakhand	44	21	48	23	52
30	West Bengal	899	310	34	589	66
Total		14623	4944	34	9615	66

Note: 64 wells show no change in water level

ANNEXURE − II

Annexure referred in reply to Lok Sabha Unstarred Question No. 11 dated 02.02.2017 regarding "Uninterrupted Supply of Water to States"

CA/Grant released for PMKSY-AIBP Projects during FY 2016-17

Name of State/Project (Started in Plan)	Amount (Rs. in crore)	
	2016-17 (GRANT)	2016-17 (NABARD)
ANDHRA PRADESH		
(Andhra Pradesh)-Total	0.0000	0
GUJARAT		
Sardar Sarovar (VI)	166.6600	314.279

(Gujarat)-Total 166.6600 314.279
KARNATAKA
Bhima Lift Irrigation Scheme,2009-10(XI) 22.444
Upper Tunga Irrigation Projec 78.5870 30.293
Karnataka-Total 78.5870 52.737
MADHYA PRADESH
Sindh Phase-II (VI) 29.0670 6.4497
Mahi (VI) TA 3.62
Bariarpur (V) (Bundelkhand) 6.615
Mahan (VI) 2.379
Bargi Dam RBC 16 Km.-63 Km.(V)PH-I 5.6560
Bargi Div. Pro. Canal (63 Km to 104 Km)PH-II 11.648
Bargi Diversion Ph.III 33.85
Bargi Diversion Ph.IV (2008-09) 11.279
Omkareshwar Project Ph.II 10.995
Omkareshwar Canal Ph.III 14.058
Omkareshwar Canal Ph.IV 40.1780
Indira Sagar Canal Ph.III 13.2900 26.357
Indira Sagar Canal Ph.IV (2008-09-XI) 29.219
Indira Sagar Canal Ph.V (2013-14) 9.512
Indira Sagar Unit-II (Ph.I & II) (2008-09-XI) 4.2750
Singhpur Irrigation project (Bundelkhand) 2011-12 1.944
Sagar(Sagad) Irrigation project 2011-12 2.506
Sanjay Sagar (Bah) MI project 2011-12 2.995
(Madhya Pradesh)-Total 92.4660 173.4267
MAHARASHTRA
Waghur (V) 81.7040
Upper Pen Ganga 11.03
Bawanthadi 16.837
Lower Dudhana 39.622
Tillari 11.9430
Nandur Madhmeshwar Phase-II 8.02
Lower Wardha (PMP) 102.4700
Dongaragaon 1.1690
Bembla Irrigation Project (PMP) 22.73
Sangola Branch Canal 0.657
Tarali Project 24.382
Dhom balakwadi Project 5.205
Morna Gureghar Project 0.325
Arjuna Project 0.9100
Lower Pedhi Project (PMP) (XI) 2008-09 4.18
Wang (XI) 2008-09 0.3200
Upper Kundlika Project (XI) 2008-09 0.5050
Lower Panzara Project (XI) 2009-10 2.709

CA /Grant released for PMKSY-AIBP Projects during FY 2016-2017
Name of State/Project (Started in Plan) Amount (Rs. in crore)

2016-17 (GRANT)
2016-17 (NABARD)

Nardave Project (XI) 2009-10 -New Medium 1.269
Krishna-Koyna Lift Irrigation(XI) 2009-10
23.09
Gadnadi Irrigation(XI) 2009-10 -New 0.1000
Kudali Irrigation Project 0.0035
(Maharashtra)-Total 187.182 171.999
MANIPUR
Thoubal (A.P. 1978-80) TA 79.893
Dolaithabi Barrage Project TA 9.36
(Manipur)-Total 0.0000 89.253
PUNJAB
Kandi Canal Extension St.II 41.184
Rehabilitation of 1st Patiala Feeder and Kotla
Branch(New ERM)
5.99
(Punjab)-Total 0.0000 47.174
RAJASTHAN
Mod.of Gang Canal (VI) 5.1

(Rajasthan)-Total 0.0000 5.1
TELANGANA
Sriramsagar Project - II (PMP) 10.398
Mathadivagu (PMP) 2.673
J.Chokkarao LIS (PMP)TA 300.0060 170.596
Nilwai (PMP)TA 0.674
Rajiv Bhima LIS (PMP) 54.48
(Telangana)-Total 300.0060 238.821
Grand Total 824.901 1308.2667